

Canada's leader of complete geosynthetic solutions

terrafix[®]

geosynthetics inc.



Fencing Solutions

Terrafence Sediment Control,
terrafix[®] Wire Back Silt Fence,
terrafix[®] Safety Fence

To view our complete product line visit us at www.terrafixgeo.com

terrafix®

Terrafence Sediment Control

Preassembled Sediment Control Structure

Preassembled Sediment

Terrafence is specifically designed to control soil migration from construction sites, therefore, preventing contamination of adjacent sites such as streams, parking lots, streets and other sensitive areas. Terrafence is a preassembled sediment control structure designed with environmental concerns in mind. Terrafence fabric is made of woven polypropylene fibres which have been treated to resist degradation caused by exposure to sunlight. Terrafence fabric is a high strength geotextile that does not require additional reinforcing nets or other support systems. The light duty fence is preassembled with 1.5" x 1.5" x 48" oakwood posts which are securely attached to the fabric using industrial staples. The posts are tapered at the base. Terrafence heavy duty fabric is reinforced with polypropylene mesh for additional strength. Hardwood posts are attached to the fabric using heavy duty industrial staples. The posts are tapered at the base to facilitate ground penetration. A six inch flap is provided at the base of the fabric to allow for proper anchorage of the Terrafence. Each roll is delivered in a package approximately 10 inches in diameter. When unrolled, Terrafence is 3' high and covers 100 linear feet

Easy Installation

1. Dig a 6" x 6" trench along the lower perimeter of the site.
2. Unroll Terrafence, positioning the posts on the downstream side.
3. Drive posts into the ground until the lower washer / staple is approximately 2" from the trench bottom.
4. Lay the fabric flap in the bottom of the trench, backfill and compact. (figure 1)

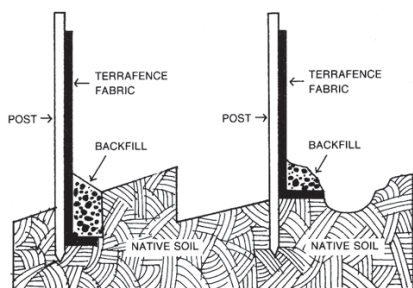


Figure 1

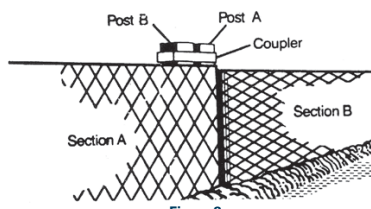


Figure 2

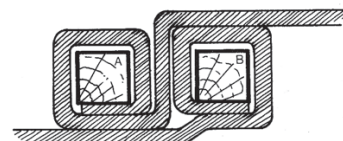


Figure 3

5. Fabric anchoring can also be accomplished by laying the fabric on untrenched ground and backfilling and compacting soil or gravel over the fabric flap at the base of the Terrafence structure.

Adjacent sections of Terrafence are joined as shown. (figure 3)
A coupler can be used to secure adjacent post as shown. (figure 2)

Silt Fencing Specifications • Light Duty

PROPERTIES	Unit	Value	Test Method
Grab Tensile Strength (MD)	lbs	95	ASTM D4632
Grab Tensile Strength (CD)	lbs	93	ASTM D4632
Grab Tensile Elongation	%	20	ASTM D4632
Mullen Burst Strength	lbs	347	ASTM D3786
Puncture Strength	lbs	39	ASTM D4833
Trapezoidal Tear	lbs	33	ASTM D4533
Apparent Opening	U.S. Std Sieve	40	ASTM D4751
Slurry Flow Rate	gpm/ft ²	30	ASTM D4491
UV Resistance after 500hrs	% Strength Retained	80	ASTM D4355

SIZE	36" x 100'
STAKES	1.5" x 1.5" x 48" (nominal) OAK
CENTERS	6.6' CENTERS (15 posts)

MATERIAL	POLYPROPYLENE
COLOR	BLACK

terrafix[®]

Terrafence Sediment Control

Silt Fencing Specifications • Heavy Duty

PROPERTIES	Unit	Value	Test Method
Grab Tensile Strength (MD)	lbs	120	ASTM D4632
Grab Tensile Strength (CD)	lbs	105	ASTM D4632
Grab Tensile Elongation	%	19	ASTM D4632
Mullen Burst Strength	lbs	225	ASTM D3786
Puncture Strength	lbs	75	ASTM D4833
Trapezoidal Tear	lbs	45	ASTM D4533
Apparent Opening	U.S. Std Sieve	.6mm	ASTM D4751
Slurry Flow Rate	gpm/ft2	.3	ASTM D4491
UV Resistance after 500hrs	% Strength Retained	80	ASTM D4355

PRODUCT	MESH BACKED FENCE	MESH SIZE	1 1/4" X 1"
STAKES	1" x 2" x 60" (nominal) HARDWOOD	TARGET WEIGHT	45 g/m ²
CENTERS	6' CENTERS (17 posts)	CORE SIZE	3" I.D.
MATERIAL	POLYPROPYLENE	MD BREAK LOAD	275 LB/FT
COLOR	BLACK	TD BREAK LOAD	160 LB/FT

Wire Backed Silt Fence

An alternative to the classic and very popular silt fence, the wire backed addition allows for a supplementary layer of silt control. The wire meshing provides a more rugged and reliable fencing option, while still being affordable and low maintenance for use around construction sites, road work, and other job locations. Wire backed silt fencing efficiently protects storm water drainage systems from polluting with silt, and will protect against environmental liability due to silt leaving project sites.

Wire Backed Silt Fence



PROPERTIES	Unit	Value	Test Method
Grab Tensile Strength (MD)	lbs	144	ASTM D4532
Grab Tensile Strength (CD)	lbs	115	ASTM D4632
Grab Tensile Elongation	%	19	ASTM D4632
Mullen Burst Strength	lbs	225	ASTM D3786
Puncture Strength	lbs	75	ASTM D4833
Trapezoidal Tear	lbs	45	ASTM D4533
Apparent Opening	U.S. Std Sieve	.35mm	ASTM D4751
Flow Rate/Permittivity	l/sec	.20	ASTM D4491
UV Resistance after 500hrs	% Strength Retained	90	ASTM D4355

PRODUCT	WIRE BACKED FENCE	MESH SIZE	2" X 4"
FABRIC	46" X 100'	MESH	35" X 100" 14 ga Wire Mesh
MATERIAL	POLYPROPYLENE	MATERIAL COLOUR	BLACK



Wire Farm Fence

terrafix® Safety Fence

Wire Farm Fence

Size: 4'x330'

Material: 12-14.5 gauge steel hinge knot

Weight: 90 lbs per roll



Wooden Snow Fence

Wooden Snow Fence

Size: 4'x50'

Material: Aspen or Cedar Lath

Weight: 70 lbs per roll



Utility Safety Fence

Utility Safety Fence

Size: 4'x100'

Weight: 25 lbs per roll

Use: Temporary visible barriers

Colors Available: Orange, Black and green

Diamond Smooth Fence

Size: 4'x100'

Weight: 30 lbs per roll

Colors Available: Orange, Black and green

Contractor grade product line

More fencing options such as agricultural and animal fencing available upon request.

The information contained herein has been compiled by Terrafix Geosynthetics Inc. and is, to the best of knowledge, true and accurate. All suggestions and recommendations are offered without guarantee. Final determination of suitability for use based on any information provided is the sole responsibility of the user. There is no implied or expressed warranty of merchantability or fitness of the product for the contemplated use.



DISTRIBUTED BY

terrafix®
geosynthetics inc.

455 Horner Avenue
Toronto, Ontario • M8W 4W9

Telephone (416) 674-0363

Fax (416) 674-1159



Diamond Smooth Fence